

REMARKS/ARGUMENTS

Favorable reconsideration of this application, as presently amended and in view of the following discussion, is respectfully requested.

Claims 1-16 remain pending in this case. Claims 1, 5, 9 and 13 are amended by the present amendment.

In the outstanding *Ex Parte Quayle* Office Action, the application was indicated as being in condition for allowance except for formal matters. The drawings were objected to as failing to comply with 37 C.F.R. § 1.84(p)(5). In response, Fig. 13, Fig. 17, Fig. 24 and Fig. 27 are amended in accordance with the recommendations set forth in the outstanding Office Action. Specifically, Fig. 13 is amended to include reference numerals 53-1, 53-2, 53-3 and 53-4, which correspond to multipliers as recited at page 27, line 23, of the specification. In Fig. 17, reference “84-3” is replaced with “84-i-1”, and in Fig. 27, “231-I” is replaced with “232-i”, as recommended in the outstanding Office Action. With regard to the objection to Fig. 24, the specification is amended at page 34, lines to add the reference character “205”, which corresponds to the coefficient input terminal.

The specification, including the title, and claims were objected to because of various minor informalities. In response, the specification, title and claims are amended in accordance with the recommendations set forth in the outstanding Office Action.

However, Applicants would like to point out that the Examiner objected to the recitation “136-1 – 136-N” as improper, and stated that this recitation was listed on page 33, line 5 in the specification. However, this recitation is listed on page 33, line 18 in the specification. Accordingly, Applicants have amended the recitation “136-1 – 136-N”, at page 33, line 18, to read “136-1 – 136-K”.

Further, the recitation " $S_k(i)$ " at page 35, line 15 was cited as improper because it is not included in equation (9). In response, " $S_k(i)$ " is amended to read " $w_{i,j}^*(k) d_j(k)$ ", which is recited in equation (9).

Accordingly, no further issues are believed to be outstanding in the present application and the present application is believed to be in condition for formal allowance. An early and favorable action to that effect is respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



---

Bradley D. Lytle  
Attorney of Record  
Registration No. 40,073

Customer Number  
**22850**

Tel: (703) 413-3000  
Fax: (703) 413 -2220  
(OSMMN 06/04)

IN THE DRAWINGS

The attached sheets of drawings include changes to Fig. 13, Fig. 17 and Fig. 27.

These sheets, which include Fig. 13, Fig. 17 and Fig. 27, replace the original sheets including Fig. 13, Fig. 17 and Fig. 27.

Attachment: Replacement Sheets (3)